



P19547.A05

Application No. 09/554,617

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Kazuyoshi ARAI et al.

Group Art Unit : 1741

Appl. No. : 09/554,617

Examiner : A.S. Phasge

I.A. Filed : October 4, 1999

For : PRODUCTION METHOD OF DETERGENT  
AND PRODUCING APPARATUS

RECEIVED  
JAN 03 2000  
TC 1700

**AMENDMENT AND RESPONSE UNDER 37 C.F.R. § 1.111**

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

Responsive to the Office Action mailed July 2, 2002, reconsideration and withdrawal of the rejections made therein are respectfully requested, in view of the following amendments and remarks. Inasmuch as the three-month shortened statutory period is originally set in the office action to expire on October 2, 2002, Applicants hereby request an extension of time for three months and are concurrently filing a formal Request for Extension of Time, together with all requisite fees therefor. The Commissioner is authorized to charge any necessary fees to maintain the pendency of this application to deposit account No. 19-0089.

**IN THE CLAIMS**

Please cancel claims 1-28 without prejudice or disclaimer.

Add new claims 29-47 as follows:

29. A method of producing detergent comprising:

preparing a solution containing at least one of carbonate or bicarbonate of alkali metal;

supplying the solution to both an anode chamber and a cathode chamber of an electrolysis